

ATTORNEY'S DOCKET NUMBER  
304-838**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. §371**

US. APPLICATION NO. (If known, see 37 CFR §1.5)

**10/509961**INTERNATIONAL APPLICATION NO.  
PCT/EP03/03411INTERNATIONAL FILING DATE  
2 April 2003PRIORITY DATE CLAIMED  
3 April 2002

## TITLE OF INVENTION

DRILLING DEVICE WITH A MULTIBLADE DRILLING TOOL, PARTICULARLY A DEEP DRILLING TOOL

## APPLICANT(S) FOR DO/EO/US

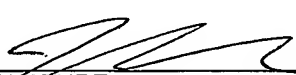
Ernst TOPF

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. §371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The U.S. has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. §371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ An English language translation of the International Application as filed (35 U.S.C. §371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. §154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. §371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR §1.97 and §1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR §3.28 and §3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR §1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR §1.821 – 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. §154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. §154(d)(4).
20. ☒ Other items or information:
  - a. ☒ Return Receipt Postcard
  - b. ☐ \_\_\_\_\_
  - c. ☐ \_\_\_\_\_

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/509961</b>		INTERNATIONAL APPLICATION NO. PCT/EP03/03411		DT05 Rec'd PCT/PTO 04 OCT 2004 ATTORNEY'S DOCKET NUMBER 304-838	
21. <input checked="" type="checkbox"/> The following fees are submitted:  <b>BASIC NATIONAL FEE (37 CFR §1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR §1.482) nor international search fee (37 CFR §1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1110.00  International preliminary examination fee (37 CFR §1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$950.00  International preliminary examination fee (37 CFR §1.482) not paid to USPTO but international search fee (37 CFR §1.445(a)(2)) paid to USPTO.....\$790.00  International preliminary examination fee paid to USPTO (37 CFR §1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$750.00  International preliminary examination fee paid to USPTO (37 CFR §1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS</b> PTO USE ONLY	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR §1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20      -20 =	0	X \$18.00	\$	
Independent claims	1      -3 =	0	X \$88.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			\$300.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 950.00</b>	
[X] Applicant claims small entity status. See 37 CFR §1.27. The fees indicated above are reduced by ½.					
<b>SUBTOTAL =</b>				<b>\$ 950.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR §1.429(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 950.00</b>	
Fee for recording the enclosed assignment (37 CFR §1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR §§3.28, 3.31). \$40.00 per property.				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 990.00</b>	
				Amount to be refunded:	\$
				Charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>990.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0951</u> in the amount of \$ <u>.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0951</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  <b>NOTE: Where an appropriate time limit under 37 CFR §1.494 has not been met, a petition to revive (37 CFR §1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO: J. Rodman Steele, Jr., Tel: (561) 653-5000   <b>Customer Number 30448</b>			<div style="text-align: center;">             SIGNATURE         </div> <div style="text-align: center;">           J. Rodman Steele, Jr.            NAME         </div> <div style="text-align: center;"> <u>25.931</u>            REGISTRATION NUMBER         </div>		

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of TOPF

Application No.

Examiner:

Filed: Herewith

Group Art Unit:

For: DRILLING DEVICE WITH A MULTIBLADE DRILLING TOOL, PARTICULARLY  
A DEEP DRILLING TOOL

**SUBMISSION OF TRANSLATION OF INTERNATIONAL APPLICATION**


Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find attached a translation of the International application into English. Please note that the claims attached hereto are for information purposes only, as they are amended in a preliminary amendment filed herewith.

Respectfully submitted,

Dated: 10/4/04

  
J. Rodman Steele, Jr.

Registration No. 25,931

**AKERMAN SENTERFITT**

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Docket No. 304-838